



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 21, 2011

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction For The El Estero Wastewater Treatment Plant Belt Press Booster Pumps

RECOMMENDATION: That Council:

- A. Award a contract to Spiess Construction (Spiess) in their low bid amount of \$65,650 for construction of the Belt Press Booster Pump Installation (Project) at the El Estero Wastewater Treatment Plant (EEWTP), Bid No. 3632; and
- B. Authorize the Public Works Director to execute the contract and approve expenditures up to \$6,565 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment.

DISCUSSION:

The EEWTP belt press is the final step in the removal of biosolids from the wastewater process. The belt press plays a critical role in removing excess water from the biosolids prior to disposal. For the belt press to work most effectively in the removal of water, the belt must be cleaned continuously with recycled water.

PROJECT DESCRIPTION

This work consists of installing high pressure booster pumps on each of the two belt presses at EEWTP to improve cleaning of the belt press which will yield drier biosolids and reduce overall truck trips and disposal costs.

CONTRACT BIDS

A total of three bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	Spiess Construction Santa Barbara, CA	\$65,650

- 2. Cushman Contracting \$70,910
 Goleta, CA
- 3. Lash Construction \$84,665
 Santa Barbara, CA

The low bid of \$65,650, submitted by Spiess, is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$6,650, or 10%, is typical for this type and size of project.

FUNDING

There are sufficient funds in the Wastewater Capital Fund to cover the cost of this Project.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Spiess	\$65,650	\$6,565	\$72,215
TOTAL RECOMMENDED AUTHORIZATION			\$72,215

The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

**Cents have been rounded to the nearest dollar in this table.*

Design (by Contract)	\$21,222
Design (by City Staff)	\$23,746
Subtotal	\$44,968
Construction Contract	\$65,650
Construction Change Order Allowance	\$6,565
Subtotal	\$72,215
Construction Management/Inspection (by City Staff)	\$17,049
Subtotal	\$17,049
TOTAL PROJECT COST	\$134,232

SUSTAINABILITY IMPACT:

Installing booster pumps on the belt presses will increase effectiveness of biosolids dewatering, resulting in a drier final product. The drier biosolids will result in fewer truck trips and lower disposal costs.

PREPARED BY: Joshua Haggmark, Principal Civil Engineer/KY/ks

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office